MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

NOVEMBER, 1944

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

NOVEMBER 1944

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.7	59.0	59.0	59.2	27.2	22.9	26.1	25.9	24.3	25.4
2	8.8	9.1	9.3	9.1	26.9	20.7	26.2	25.9	24.3	25.5
3	61.1	60.4	61.0	60.8	26.7	20.5	24.5	25.5	22.7	24.2
4	1.6	0.4	0.4	0.8	25.6	17.9	22.7	25.1	21.2	23.0
5	58.8	57.4	56.7	57.6	23.4	17.4	18.3	22.2	17.7	19.4
6	55.7	54.4	54.4	54.8	22.6	14.7	22.2	19.7	15.6	19.2
7	2.3	1.7	3.9	2.6	18.2	12.9	16.2	16.6	13.4	15.4
8	6.5	6.7	8.8	7.3	20.3	15.2	16.6	18.4	16.6	17.2
9	61.0	61.0	63.0	61.7	22.2	17.1	17.3	22.1	18.0	19.1
10	3.5	1.9	1.1	2.2	23.1	18.3	20.7	22.7	21.2	21.5
11	59.3	58.6	60.2	59.4	21.6	17.3	18.4	21.2	19.5	19.7
12	61.6	61.2	2.6	61.8	23.2	17.3	20.6	23.2	19.4	21.1
13	3.0	1.3	1.3	1.9	22.7	17.9	20.6	22.1	18.9	20.5
14	1.8	1.3	1.8	1.6	22.9	17.9	21.2	22.0	19.5	20.9
15	2.2	1.5	2.0	1.9	22.2	18.6	20.4	22.1	20.7	21.1
16	63.4	62.7	63.3	63.1	21.8	17.8	21.7	21.8	20.4	21.3
17	3.2	1.3	0.9	1.8	22.3	15.0	21.1	22.2	21.1	21.5
18	0.4	57.8	57.6	58.6	22.4	13.9	16.0	21.4	14.9	17.4
19	57.9	7.8	8.1	7 9	18.8	13.1	17.7	16.2	14.3	16.1
20	61.5	61.8	63.3	62.2	19.3	13.4	16.4	18.4	15.7	16.8
21	64.6	63.9	64.7	64.4	19.6	15.4	17.3	19.0	16.1	17.5
22	4.8	2.9	2.5	3.4	20.3	14.7	18.8	19.9	16.2	18.3
23	58.7	56.5	56.6	57.3	21.1	13.1	18.2	20.6	17.8	18.9
24	5.9	3.9	6.3	5.4	16.2	12.8	13.7	16.2	13.3	14.4
25	8.5	8.7	9.9	9.0	17.9	13.2	15.3	15.4	15.6	15.4
26	61.4	61.5	62.5	61.8	17.8	12.5	15.0	17.8	15.7	16.2
27	4.5	3.4	4.4	4.1	19.3	13.8	16.7	18.2	15.8	16.9
28	4.5	2.9	3.1	3.5	19.0	14.5	16.7	18.7	15.9	17.1
29	2.7	1.3	1.2	1.7	19.7	14.6	17.3	19.4	16.0	17.6
30	0.7	59.5	59 5	59.9	19.8	14.8	17.2	18.9	16.7	17.6
	60.66	59.72	60.31	60.22	21.46	15.97	19.03	20.63	17.95	19.20

Barometer, range for month 751.7 – 764.8 mm.
,, 62-yr. average for month 762.79 mm.
Thermometer, range for month 12.5° — 27.2° C.
,, 62-yr. average for month 19.85° C.
Rain, total for month 330.28 mm.
,, , 62-yr. average for month 127.51 mm.
Total, from Sept. 1st. to end of month 369.32 mm.
62-yr. average, Sept. 1st. to end of month 183.39 mm.

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Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	15.9	16.4	16.3	16.2	63	65	73	67	4.2	554.0	
2	17.6	18.4	18.2	18.1	70	74	80	75	9.5	362.0	
3	16.2	16.9	17.3	16.8	71	69	85	75	9.3	169.0	
4	15.4	14.9	17.2	15.8	75	63	78	72	7.8	233.0	
5	13.8	14.5	13.9	14.1	88	73	92	84	1.2	465.0	18.57
6	12.8	13.7	12.2	12.9	63	81	92	79	0.0	320.0	33.78
7	11.9	10.9	10.4	11.1	87	78	91	85	0.0	443.0	64.26
8	11.6	11.8	11.0	11.5	82	76	79	79	0.1	698.0	20.57
9	12.3	13.3	13.3	13.0	83	67	87	79	3.4	378.0	8.64
10	12.7	13.8	14.3	13.6	70	67	77	71	9.2	345.0	1.52
11	12.9	13.8	13.8	13.5	82	73	82	79	3.6	100.0	1.78
12	12.5	15.1	14.1	13.9	69	72	84	75	8.0	169.0	
13	13.1	14.7	11.8	13.2	73	74	73	73	7.8	77.0	1.02
14	12.9	14.0	14.0	13.6	69	71	83	74	8.2	132.0	
15	13.2	13.5	13.5	13.4	74	68	75	72	3.1	418.0	
16	13.3	13.5	13.7	13.5	65	69	77	70	9.2	299.0	
17	12.8	13.5	13.2	13.2	70	67	70	69	7.3	64.0	
18	12.7	13.5	11.2	12.5	94	71	90	85	5.1	769.0	30.30
19	10.0	12.4	10.8	11.1	67	91	89	82	5.0	488.0	40.64
20	10.3	10.0	9.7	10.0	75	64	73	71	9.0	182.0	7.87
21	9.8	10.8	9.5	10.0	66	66	70	67	9.3	166.0	
22	10.4	11.5	10.0	10 6	66	66	73	68	6.7	105.0	
23	9.8	11.5	10.4	10.6	62	64	69	65	6.7	460.0	
24	10.5	10.1	9.6	10.1	90	74	84	83	0.0	641.0	32.76
25	10.7	10.9	10.9	10.8	83	84	83	83	0.3	233.0	15.75
26	10.8	11.2	10.5	10.8	86	74	79	80	3.8	335.0	31.30
27	11.0	11.7	10.6	11.1	77	76	80	78	9.2	230.0	1.52
28	9.5	11.0	9.2	9.9	68	69	69	69	9.2	161.0	
29	9.8	11.1	10.1	10.3	67	66	75	69	9.2	146.0	
30	9.1	10.5	9.5	9.7	63	65	68	65	8.4	235.0	
	12.17	12.96	12.34	12.49	71.9	71.2	79.3	74.7	5.79	312.56	11.07

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.
Time of readings minus 2 hours equals G C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	4ci-cu	10cu	9cu	7.7	2ne	2n	2ne	slight	Summer time ends
2	1cu	0	2cu	1.0	2n	3ne	2ne	„	
3	0	3ci-cu	2ci	1.7	1ne	1ne	0	light	D. at 8:30 P.M.
4	9cu	1ci	3cu	4.3	1se	2ne	0	calm	
5	10ni	8cu-ni	10ni	9.3	1w	3sw	1sw	light	
6	10cu-ni	10ni	10ni	10.0	2sw	1sw	1sw	mod.	T. at night
7	10ni	10ni	5ni	8.3	2sw	1sw	1sw	slight	Lightning & T.P.M.
8	10ni	10ni	3cu-ni	7.7	4w	3sw	2sw	mod.	„ „
9	6cu-ni	10cu	10ni	8.7	1sw	2sw	1sw	slight	
10	0	0	0	0.0	0	3ne	4n	„	1st. Snow visible on mts.
11	10cu	8cu	7cu	8.3	1e	0	1se	light	
12	1cu	4cu	7cu-ni	4.0	0	2sw	1sw	„	Tr. p. m.
13	1ci-cu	9cu	0	3.3	0	1ne	0	„	
14	1cu	8ci	0	3.0	0	1nw	0	calm	
15	10cu	10cu	2cu	7.3	1nw	1nw	2n	light	
16	0	0	0	0.0	2ne	2ne	1ne	slight	
17	0	1cu	7cu	2.7	0	1ne	0	calm	Lightning at night
18	10ni	7cu-ni	9ni	8.7	0	3sw	0	„	G., & T. at „
19	9ni	10ni	10ni	0.7	4sw	1sw	1sw	rough	
20	1cu	2cu	1cu	1.3	1e	1n	1ne	slight	
21	1cu	1ci-cu	1cu	1.0	0	1nw	1nw	light	
22	8cu	10cu	1cu	6.3	0	0	1ne	calm	
23	1ci	1ci	2ci	1.3	1sw	2sw	1se	„	
24	10ni	10ni	10ni	10.0	1sw	2w	1sw	slight	
25	10ni	10ni	10ni	10.0	1sw	1s	1sw	„	
26	10ni	1cu	2cu	4.3	2sw	1sw	1sw	light	
27	1cu	1cu	0	0.7	0	1nw	0	„	
28	0	0	0	0.0	1nw	1nw	1nw	„	
29	0	1cu	0	0.3	1s	1sw	1sw	calm	
30	5ci	9ci-cu	9cu-ci	7.7	1sw	1sw	0	„	
				4.95					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	3	2	1	1	9	2	2	9	30
14:30	2	7	0	0	1	12	1	5	2	30
20:30	2	5	0	2	0	11	0	2	8	30
Totals	5	15	2	3	2	32	3	9	19	90

Number of days with rain 15, fog 0, thunderstorms 4, gale 1.

62 yr. av. days with rain during month 9.3 days